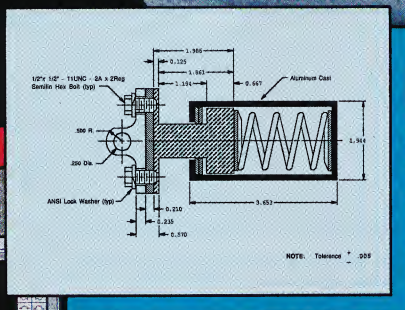
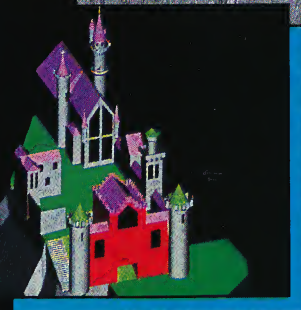
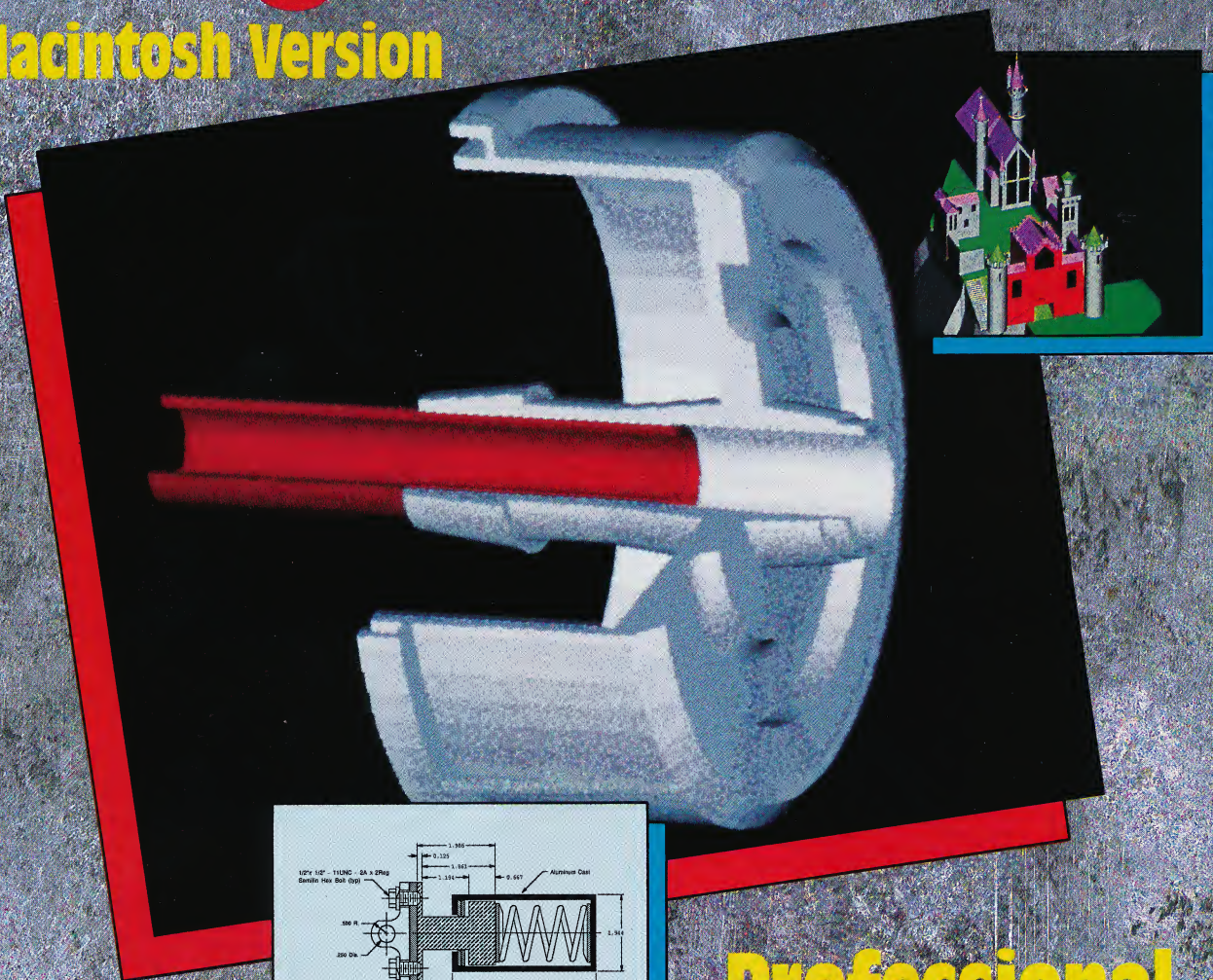
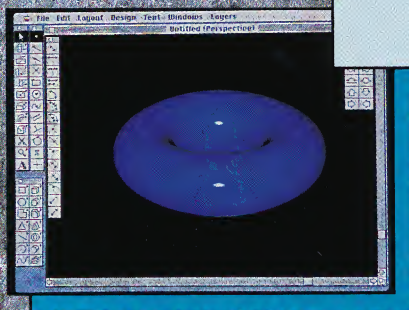


DesignCAD 2D/3D

Macintosh Version



Professional
2D/3D CAD
System



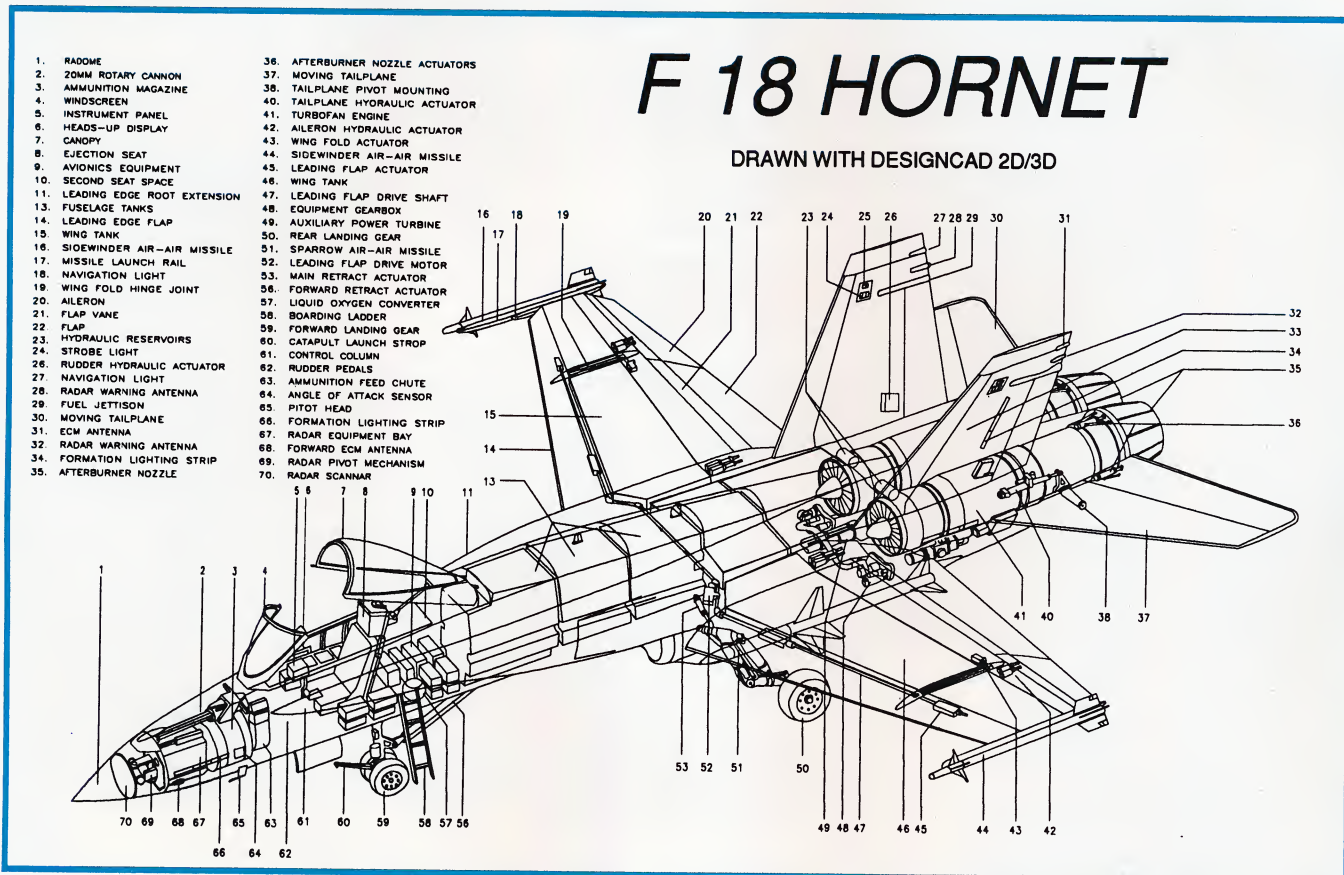
No other CAD system can match the features OR the performance of DesignCAD 2D/3D. A host of impressive features make DesignCAD the only intelligent choice!

DesignCAD 2D/3D

Professional CAD System for the Macintosh

DesignCAD® has disproved a common misconception about computer software: you don't always have to spend a lot of money to get high-power quality software. DesignCAD for the Mac has features of CAD systems costing thousands of dollars! Yet, DesignCAD is priced at least 50% below comparable CAD packages... **AND DESIGNCAD IS BETTER!**

DesignCAD has the ability to "talk" to other Macintosh software via PICT clipboard support. A two-way PICT & PICT2 file translator are included.



DesignCAD provides capability to import and export both IGES and DXF files: this feature allows the end-user to move files back and forth between DesignCAD and other CAD systems. In addition it offers compatibility with many 3rd party software packages that utilize the IGES and DXF file formats. Other important file formats are supported within DesignCAD including HPGL, XY or XYZ coordinates, EPS, Postscript and ASCII text files. While maintaining an excellent user-friendly interface, DesignCAD Macintosh offers the ability to open files created on the DesignCAD MS-DOS platform. **NOW, THAT'S POWER!**

DesignCAD, Inc. is committed to developing superior software products for the Macintosh product line and are backed by a strong support team. All software developed by DesignCAD is strictly developed on the Macintosh for Macintosh. Even though DesignCAD offers multiple platform support, DesignCAD Macintosh version is **NOT** just a port from the other platforms.

The best feature of DesignCAD is its unprecedented ease of use! With easy to access relocating toolboxes and fast acting hierarchical styled menu commands, DesignCAD is truly the CAD system that ANYBODY can use!

and the ability to turn off toolboxes for added screen space!

Editing Toolbox



Locator Toolbox



Dimensioning Toolbox

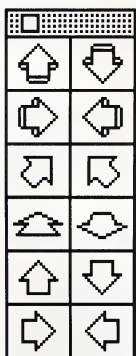


Design Toolbox



Dynamic Viewing Toolbox

(offers "REAL-TIME ROTATION"!)



DesignCAD offers a very strong user-friendly interface for all toolbox and menu commands!

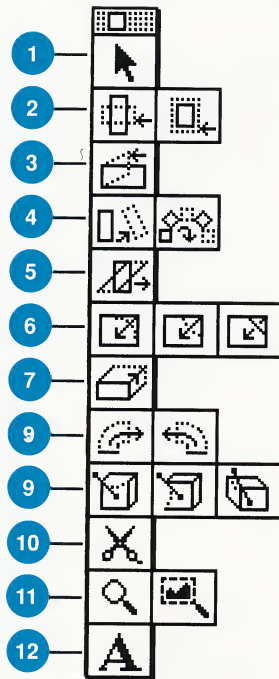
DesignCAD supports the mouse, keyboard entry or 3rd party digitizer tablets to assist the user in all areas of the design process!

DesignCAD offers relocatable toolboxes which give users fast access to the wide variety of tools available!

DesignCAD allows the user to turn off toolboxes for added screen space!

DesignCAD allows the user to combine various toolbox commands for added ease-of-use... and power!

DesignCAD also integrates hierarchical styled toolboxes and menus for quick and easy access!



1 Relocate Tool (cursor) - This tool provides an easy method for moving and selecting objects of your choice by simply clicking on the object and then moving it to any location of your design area.

2 Resize/Scale Tool - The resize tool is designed to resize and scale objects that have already been created. You can scale geometry at any ratio, from any origin point.

3 Tilt Tool - The tilt tool is ideal for those situations when a portion (or even a single point) of an object needs to be altered. Unlike skewing or resizing, the tilt tool allows objects to be broken down to individual components.

4 Rotate/Radial Duplicate Tool - The rotate tool gives you the power to rotate any object or design from any point on the screen in the direction or angle desired. This also applies to radial duplication!

5 Skew Tool - Allows you to slant or shear any selected object or vertex point. This tool offers fast editing ability for angular shaped objects. It's extremely fast and easy!

6 Fillet/Chamfer Tool - This tool is specifically designed to make the sometimes troublesome chore of filleting and chamfering corners a simple and easy process; with DesignCAD, you simply click and drag! This also applies to inverse fillets.

7 Extrude Tool - A very special and powerful editing tool. You can easily convert 2D geometry into 3D geometry by actually pulling and stretching. DesignCAD also offers multiple extrusions!

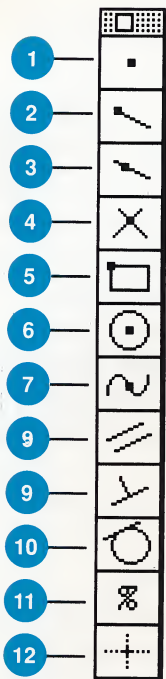
8 Revolve Tool - The revolve tool allows any 2D object to be expanded into 3D space from any point of rotation. DesignCAD also offers multiple revolutions!

9 Spline Editor Tool - Allows you to select any spline (line or curve) and literally bend it! This is one of the most powerful editing tools available on any CAD system. Users can select from spline editor 1, 2, or 3 giving you the power to edit splines on X-axis, Y-axis or Z-axis.

10 Trim Tool - The trim tool allows you to simply click on any part of a spline, line, or geometric primitive that you wish to trim. At the point where you click the mouse, DesignCAD automatically places another vertex point and you may choose to delete that portion trimmed, or simply relocate it. **DesignCAD is very powerful!**

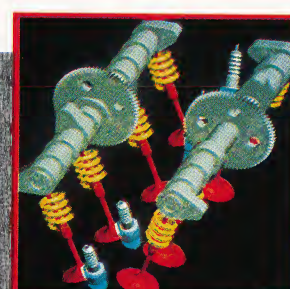
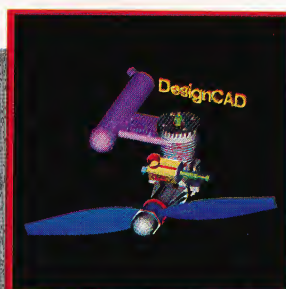
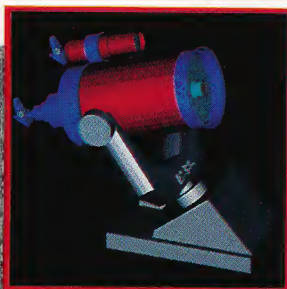
11 Zoom Tool - DesignCAD offers two types of zooming options, the Zoom at Mouse Click or Zoom Rectangular Region. *Zoom at Mouse Click*; means that wherever the user places the magnifying glass on the screen and then clicks the mouse, that particular area of the design will then zoom at the percentage zoom desired. *Zoom Rectangular Region*; allows you to draw a selection rectangle around the desired zoom area, then the desired area automatically zooms to fit the screen.

12 Text Tool - DesignCAD's text tool offers compatibility of all Macintosh fonts available. Editing abilities offer multiple fonts, font sizes and font styles within the same text block. Text blocks may also be resized in any direction and DesignCAD will automatically update the text block. Also includes color text options!

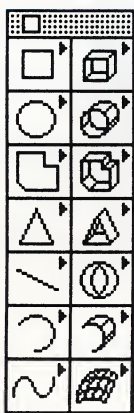


- 1 **Point Anywhere** - With this tool, you can locate or snap to any spline, line or geometric primitive at any point or location on the screen.
- 2 **End Point** - The end point tool allows you to snap to or locate the end point of any object.
- 3 **Point On** - Point on tool lets the user snap to and locate the nearest computed point on the line or curve (spline) indicated.
- 4 **Intersection** - The intersection tool allows you to snap to or locate the nearest intersection on the line, or curve indicated. You may draw, edit or dimension from the intersection.
- 5 **Vertex** - The vertex tool lets the user snap to or locate the nearest corner vertex point of the object associated with the line or curve indicated.
- 6 **Object Center** - The object center tool gives you an automatic snap to or locating of any object's center point with a simple one step method.
- 7 **Spline Center** - The spline center tool automatically snaps to or locates the nearest selected center on the line or curve. This also applies to Bezier curves!
- 8 **Parallel Offset** - The parallel offset tool allows you to snap to and locate a parallel duplicate of the line or curve indicated. It's as simple as clicking and dragging a line or curve, and DesignCAD automatically does the work for you!
- 9 **Perpendicular** - When selecting the perpendicular locator tool, lines can be automatically drawn perpendicular to lines or curves indicated. This tool adds tremendous speed and simplicity to complex designs!
- 10 **Tangent** - The tangent tool adds tremendous power for snapping to and locating tangents of curves and circles within your design. It's as easy as selecting your tool before you start drawing or relocating!
- 11 **Percentage** - The percentage tool specifies the percentage of the distance between two points, which allows you to snap to or locate a specific percentage of the line or curve indicated. The user can define the percentage amount to fit whatever design requirements are needed.
- 12 **Global Origin** - The global origin tool allows you to snap to or draw from the current global origin, (global origin is indicated by the intersection of axis lines on the screen)

Tools within the Locator Toolbox can be used in combination with the Editing toolbox, Design toolbox and Dimensioning toolbox. This allows you to edit, draw or dimension from any selected Locator!



DesignCAD's Design Toolbox offers you a vast array of easy to use tools for precise construction of geometric primitives!



Variety within DesignCAD's Design Toolbox!

DesignCAD offers the BEST variety of powerful and easy to use 2D and 3D geometric tools. The casual user finds that the icon styled geometric toolbox combined with hierarchical tool options make it the fastest and easiest to learn CAD system available on the Macintosh!

Some of the tools available are: 2D square, 3D square, 2D rectangle, 3D rectangle, 2D circle and oval, 3D cylinder and oval cylinder, and much more!

A complete list of tools is found on page 14 of this brochure.

Ease of use associated with Design Toolbox!

The method of selecting the various tools available is quick and easy, you simply place the mouse on the desired tool and click! If you would like to view options available for that particular tool, simply place the cursor on top of the selected tool of your choice and then hold down the mouse button. DesignCAD automatically rolls out different options for that specific tool.

Floating-Point precision!

Along with this tremendous ease-of-use, all geometric tools and menu commands found in DesignCAD are tied to a floating-point database. This assures you of complete accuracy for today's highly sophisticated and technical CAD requirements.

DesignCAD does it ALL!

Surface Geometry: Fast and easy!

DesignCAD offers several surface geometry methods. This is a feature not normally associated with desktop engineering on the personal computer level. DesignCAD offers it and with extreme ease-of-use! DesignCAD allows you to construct complex surface geometry by simply locating boundary curves. You may choose from sculptured or ruled surface tools. All surface tools use a Bi-Cubic Surface Geometry which yields responsive flexibility and power!

POWER users find that often-used toolbox commands within DesignCAD can be selected with a single mouse click! This allows any DesignCAD user to become **EXTREMELY** productive, while saving **TIME** and **MONEY**!

The extensive list of features found in DesignCAD's dimensioning toolbox can only be found in CAD systems costing thousands of dollars more!



- Linear Parallel
- Linear Offset
- Linear Chained Offset
- Linear Baseline Offset
- Angular
- Chained Angular
- Baseline Angular
- Radial
- Radial Extension
- Radial Leader
- Diametral
- Diametral Extension
- Diametral Leader
- Leader Line
- Arrow Line

Above is the dimensioning toolbox as it appears on the screen along with the names of each tool.

Dimensioning options within DesignCAD!

- User can list dimensions using fractions or decimal equivalents.
- Full dynamic dimensioning is supported (if the scale changes or is updated dimensioning information recalculates to reflect necessary changes.)
- Users may select the type of terminator (type of arrowhead, slash, etc.) and add tolerance information.
- Automatic tolerance functions that include: single tolerance; double tolerance; or limiting tolerances.
- User can edit dimensioning text to display any Macintosh font, font size or font style.
- User may reposition text anywhere on dimension lines.
- Precision display may be changed at anytime, individually or in groups.
- User can display a text frame automatically around dimensioning text.

These are just a few of the important dimensioning options available within DesignCAD!

Variety and Options!

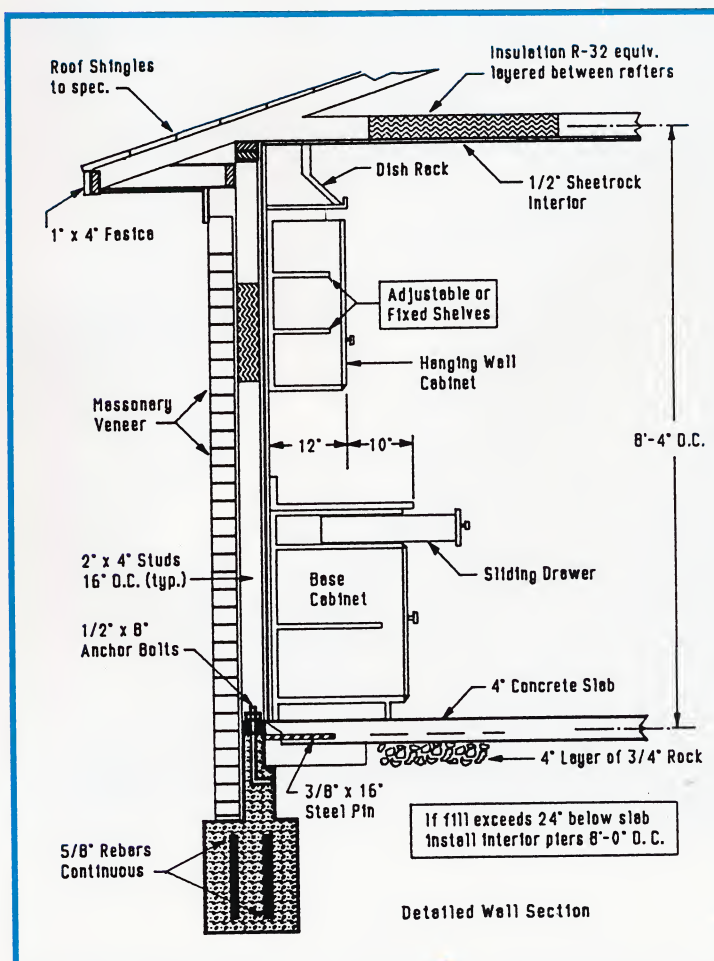
DesignCAD offers a superb variety of dimensioning functions! This assures the draftsman or engineer complete floating-point accuracy for detailed drafting.

Associative Dimensioning!

DesignCAD also offers complete automatic associative dimensioning with all dimensioning options, assuring the designer that all dimensions are automatically updated and redrawn to reflect any design changes.

Relocatable Toolbox!

DesignCAD offers the designer a relocatable dimensioning toolbox, as well as ability to turn off the toolbox when not needed. Ability to relocate the toolbox gives designers faster access when working on large designs. Ability to turn off the toolbox allows for more screen space when necessary.



DesignCAD is easy to use!

Tests prove that DesignCAD's user-friendly interface allows you to quickly produce complicated drawings in a fraction of the time required from the competition. Flexibility and power found within DesignCAD means you save time and money! DesignCAD is truly the CAD system that ANYONE can use!

DesignCAD saves you money!

Besides saving money on the software, you save on hardware, too. "Why"? DesignCAD works with virtually any printer, plotter, and graphics adapter compatible with the Macintosh computer systems. Most importantly, DesignCAD will work with the system you own!

Software compatability built-in!

Along with extensive hardware support, you get software compatability. DesignCAD comes with (at no extra charge, of course!) file transfer utilities to let you read and write files in other formats such as IGES, DXF, HPGL, XY or XYZ coordinates, ASCII text files, EPS, Postscript and PICT or PICT2. Now, that's compatability! With all this, its possible to transfer DesignCAD drawings to and from most other CAD systems. And DesignCAD is very useful for desktop publishing systems such as Aldus Pagemaker, Quark Express, Microsoft products and others!

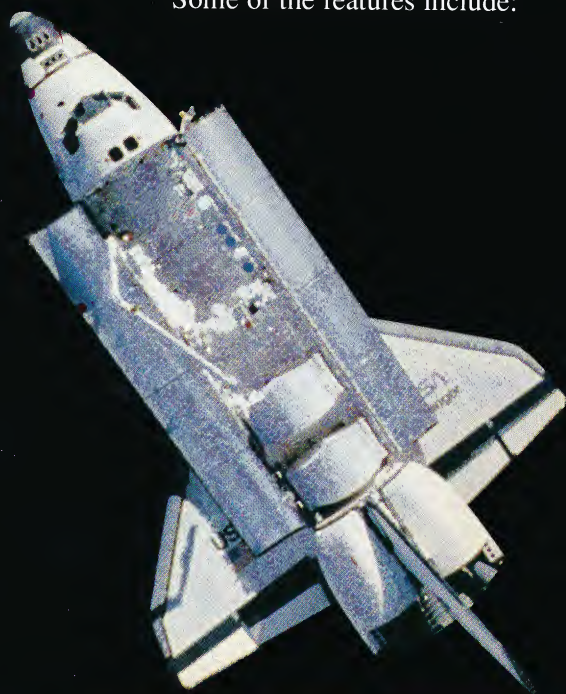
DesignCAD offers fully integrated 3D geometry!

Need 3D capability? Great! Look at how DesignCAD fully integrates its very powerful 3D mathematical foundation with excellent 2D drafting attributes. All of DesignCAD's competition forces you to have two separate software packages or added modules to perform 3D designs. DesignCAD eliminates that separation of 2D and 3D, which adds greater flexibility and ease of use for you!

Some of the features include:

- Extensive list of 3D geometric tools
- Extrude Tool with multiple extrusion
- Revolve/Sweep 2D objects into 3D space
- Automatic Hidden-line removal
- Automatically applies smooth shading
- Wire-frame, surface and solids
- Perspective or Orthographic calculation
- 3D Surface geometry
- 3D realtime rotation which includes;
(panning, zooming, walk inside or fly around etc...)

This is just to mention a few of the 3D features within DesignCAD.



*An investment in
is an investme*

What makes DesignCAD better than other CAD systems?

9

1. DesignCAD is extremely easy to use. You won't spend weeks learning smooth handling of complex functions.
2. DesignCAD works with the hardware you own. DesignCAD supports most printers and plotters available for Macintosh computer systems, as well as a wide variety of graphics adapters, accelerator boards, digitizers and, of course, the mouse.
3. DesignCAD produces professional quality plotter output on most dot matrix printers, while also supporting excellent Postscript output to various laser printers available.
4. DesignCAD drawings are compatible with most other CAD systems, Desktop publishing systems, and graphics systems.
5. DesignCAD is priced at least 50% and sometimes 70% to 80% BELOW comparable CAD packages. You can't go wrong with that kind of savings!
6. DesignCAD offers unlimited FREE telephone technical support.
7. Each DesignCAD package comes complete with over 500 pre-drawn symbols. Over 5000 professionally drawn symbols are available at a minimum charge!
8. The DesignCAD user is secure in his or her knowledge that literally hundreds of thousands of people world wide are currently using DesignCAD.
9. DesignCAD utilizes Cubic Spline geometry and Bi-Cubic Surface geometry, which offers you maximum flexibility when building both simple and complex geometric primitives.
10. DesignCAD is continually enhanced and updated, while offering an excellent upgrade policy!

No other CAD system offers the flexibility found in DesignCAD...**AT ANY PRICE!**

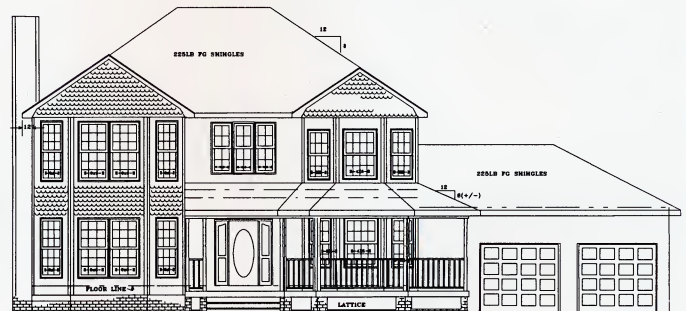


*DesignCAD today
at in the future!*

- Floating-Point mathematical precision
- Math coprocessor support
- Point - Orientation™ / Object - Orientation
- Automatic & Associative Dimensioning
- Symbol libraries include:
(Architectural, Cabinet, Electrical, Electronics, Piping)
- User defined scaling:
(English or Metric)
- Zooming In or Out is unlimited:
(user may choose from regional zoom or mouse click)
- Grouping and Ungrouping:
(user may choose individual points or point clusters)
- Layering supports up to 256 separate layers:
(layers may be printed or plotted individually or in groups)
- Macintosh text & editing capabilities includes:
(Macintosh fonts, various sizes & type styles;
also color text option)
- Flip Horizontally or Vertically
- Related and/or Auto-Update Viewing:
(Front, Top, Side, Isometric and
Dynamic Viewing options)
- Fill options with industry standards
- Hide Detection
- Locking point or object level
- Optional line styles or line weights
- Nudging includes:
(Point or Object level & User-Defined Increments)
- Paper Sizes include:
(custom or industry standard & English or Metric)
- Color selection is unlimited
- 3D Real-Time Rotation includes:
(panning, zooming & "fly around" or
"walk inside" capability)
- 3D Modeling includes:
(automatic hidden-line removal, wireframe
structural viewing, etc.)
- File translators include:
(IGES, DXF, HPGL, XY or XYZ coordinates,
ASCII Text Files, EPS, Postscript and PICT or PICT2)
- Mirror objects:
(horizontal, vertical, and depth)
- Smoothing:
(various smoothing tensions and unsmooth)
- Cut
- Copy
- Paste
- Duplicate:
(user defined duplicate options)
- Rendering options:
(mesh surfaces, shade surfaces, specular reflection and
smoothness)
- Lock and Unlock:
(user may choose individual points or point clusters)
- Join and Unjoin
- Reset Global Origin
- Align to Grid
- Measure options
- Axis Lines
(user may choose to display or not to)
- User defined Arrowheads
- Tolerance options:
(user may choose from single, double, limiting and
tolerance values)
- Draw from center
- Draw with parallel:
(user may set various parallel options)
- User defined resolution for 3D renderings

The list goes on and on!

For a closer look, contact your local Apple Authorized Dealer.



FRONT ELEVATION

1/8"=1'

● DesignCAD's Interface!

DesignCAD is developed to take full advantage of the Macintosh user-friendly interface that made the Mac so popular, allowing the designer's ideas to become a reality without the difficulty found in other CAD software. DesignCAD is strictly developed on the Macintosh for the Macintosh computer systems! Throughout development, DesignCAD followed very strict guidelines to assure you of complete Macintosh compatibility and 32 bit clean processing. DesignCAD is completely Apple/Unix compatible! When you add ease of use and compatibility with the price tag... **DesignCAD is simply unbeatable!**

"DesignCAD sets the standard for Desktop Computer-Aided Design and Engineering."

● Cubic Spline Geometry!

DesignCAD fully integrates all geometry, wireframe, surface, and solids with a unified database and a unified mathematical representation. Unified mathematics ensures consistency and precision, while allowing designers to use any combination of elements in modeling. Cubic-Spline geometry facilitates complex surface modeling, and provides a universal geometry that is flexible and responsive to local modifications.

● Bi-Cubic Surface Geometry!

DesignCAD provides consistent and reliable intersection of curves, surfaces and solids using the Bi-Cubic Surface Geometry, ensuring maximum flexibility while maintaining floating-point precision. Surfaces may be displayed as wireframe mesh format or as shaded images. One of the most powerful features found in DesignCAD is the ability to join splines or curves and automatically build surface area between selected objects. This makes for very precise construction of aerodynamic designs such as aircraft materials, car bodies or molded objects. The join feature is usually found only in much more expensive computer systems. DesignCAD brings it to you on the Macintosh!

● 3D Rendering!

DesignCAD utilizes a Ray-Casting method for 3D renderings with optional specular highlighting. You have the option to save renderings as PICT or PICT2 for export into presentation programs available on the Macintosh.

In addition, the rendering resolution can be user-defined. You decide which display or quality of resolution is appropriate for your design. Depending upon the video card and monitor you have, DesignCAD supports up to 16.8 million colors, giving you photo realistic quality!

● 2D & 3D Dynamic Viewing!

You can view 2D & 3D designs in high speed "Real-Time" rotation. Designs may also be viewed in the Dynamic Viewing window, while working on your design in the other view windows. Dynamic Viewing offers complete support for multiple monitors, while maintaining resizable windows.

DesignCAD offers the ability to Cut, Copy and Paste your renderings directly from the Dynamic Viewing window. This gives you open support for various 3rd party presentation programs and a better opportunity to conceptualize your design while working on it.

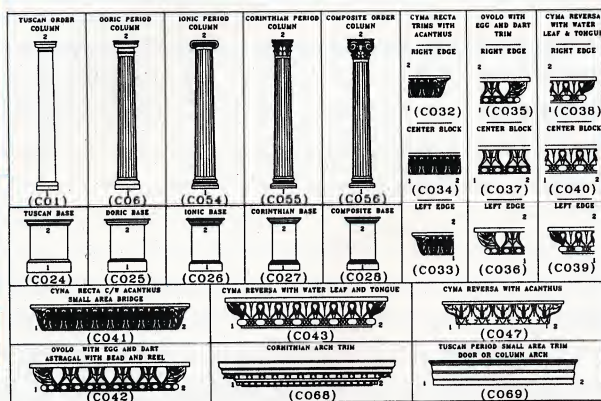
● Support for Mouse & Keyboard entry!

DesignCAD supports all Macintosh compatible digitizer tablets, along with built-in support for the mouse, which offers a very easy to use click & drag method and double click options. If you need keyboard entry, DesignCAD maintains an extremely user-friendly interface.

● Redraw is extremely fast using DesignCAD!

You may define redraw resolution, which saves a tremendous amount of time! Most other CAD packages are very slow when it comes to redraw time, but with DesignCAD, you will have the fastest redraw time available. If a design exceeds the window that you are working in, DesignCAD automatically clips the redraw to the area of the screen, while the program retains what is not seen on the screen. Also during the redraw time if you wish to stop or simply select another command within the program all you have to do is click the mouse to stop the redraw process. ONLY DesignCAD offers such power during the redraw time!

DesignCAD 2D/3D



AVAILABLE DesignSYM LIBRARIES

There are numerous libraries available for DesignCAD!

BATHROOM DESIGN LIBRARY

This library contains approximately 115 symbols, such as sinks, towel bars, toilets, bidets, shower enclosures, etc.

Price: \$29.95

CONCRETE REBAR LIBRARY

This library contains approximately 60 pre-drawn symbols commonly used in construction to represent concrete rebar reinforcement.

Price: \$24.95

DATA PROCESSING LIBRARY

This library contains data processing symbols used for forming flow charting and block diagrams. They meet IBM C20-8008 standards. Approximately 25 symbols.

Price: \$19.95

EXTERIOR DOORS LIBRARY

This library contains approximately 190 common home exterior doors. Contains drawings of ordinary panel doors, atrium type doors, and doors with sidelight combinations. Contains approximately 50 garage door symbols.

Price: \$29.95

ELECTRICAL SCHEMATICS SYMBOLS LIBRARIES

This library contains approximately 655 symbols. Examples include: normally open and normally closed switches, limit switches, various transformer diagrams, etc., etc., etc.

Price: \$49.95

ELECTRICAL SYMBOLS FOR ARCHITECTURE & CONSTRUCTION

This library contains approximately 100 standard electrical symbols as used in architecture and construction trades. Examples include: exit light and outlet box, outdoor pole or mounted fixtures, underfloor duct and junction box, etc.

Price: \$19.95

EXTERIOR LIBRARY

This library contains approximately 60 pre-drawn symbols such as lawn chairs, lawn tables and flower beds, with many trees and bushes.

Price: \$24.95

FENCE LIBRARY

This library contains 13 pre-drawn, front view fence sections and 6 pre-drawn top view fence sections. These sections can be "block repeated" to obtain any length fence section.

Price: \$19.95

FURNITURE LIBRARY

This library contains approximately 230 pre-drawn symbols, such as tables, chairs, couches, hot tubs, sinks, major and minor appliances, and many others.

Price: \$34.95

H.V.A.C. FLOW LIBRARY

This library contains approximately 95 heating, ventilation and air conditioning (HVAC) symbols. Examples include: evaporative condenser, water-cooled condenser, liquid level controller, capillary tube, immersion cooling unit, etc.

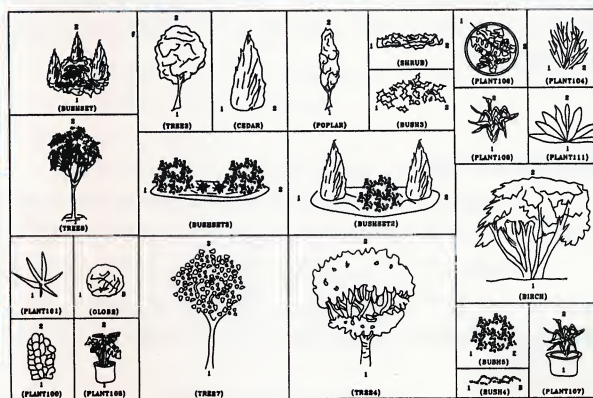
Price: \$29.95

HYDRAULIC SYMBOLS LIBRARY

This library contains approximately 70 pre-drawn hydraulic related symbols: a complement to the hydraulic symbols library found in the DesignCAD program package. Examples include types of lines, connectors, reservoirs, pumps, cylinders, valves, actuators, etc.

Price: \$24.95

DesignCAD 2D/3D



I.S.A. (INSTRUMENTATION SOCIETY® OF AMERICA) SYMBOLS LIBRARY

This extensive symbols library contains approximately 630 symbols. Used for all type of flow control diagramming.

Price: \$49.95

LADDER-LOGIC SYMBOLS LIBRARY

This library contains approximately 120 standard ladder-logic symbols.

Price: \$24.95

MAPPING SYMBOLS LIBRARY

This library contains approximately 64 standard mapping symbols. Examples include: bench mark, triangulation point, lake, river, guard rail, north symbols, etc.

Price: \$19.95

PATIO DOORS LIBRARY

This library contains approximately 40 pre-drawn patio doors. All doors have 81" rough opening height and range in width from 32" to 144". Doors are drawn with and without divided lite grills. One, two and three panel doors are provided.

Price: \$19.95

PROCESS FLOW LIBRARY

This library contains 80 symbols which conform to ANSI ASA Y32.11-1961 standards.

Price: \$39.95

VICTORIAN STYLE SYMBOLS LIBRARIES

This library contains approximately 25 Victorian style symbols. Examples are: gable decorations, finials, shingle designs, front and cross sectional wood siding views, plus several designs of porch railings which can be "block repeated" along a porch.

Price: \$19.95

WELDING SYMBOLS LIBRARY

This library contains approximately 95 standard welding symbols.

Price: \$24.95

WINDOWS LIBRARY

This library contains approximately 500 pre-drawn casement windows. Many of the symbols are for the Andersen brand of window. These windows range in size from 17"x17" to 6'5" rough opening. Windows are drawn as regular and divided lite style windows. Seven window sections are drawn in top view, front view and isometric view.

Price: \$39.95

ELECTRICAL BUSWAYS SYMBOLS LIBRARY 1

This library contains approximately 32 pre-drawn symbols. Examples include: feeder busway sections, end flanges, potentializer device, transformer-temperature and capacitor plugs. This library meets NEMA BU-1-1955 codes.

Price: \$14.95

PIPING SYMBOLS LIBRARY

This library contains approximately 190 pre-drawn piping symbols. Examples include: elbows, tees, plugs, float valves, reducing valves, sleeves, gate valves, check valves, and union. These symbols meet mechanical contractors association flanged piping specifications, screwed piping specifications, bell spigot piping specifications, welded piping specifications, and soldered piping specifications.

Price: \$39.95

ELECTRICAL SWITCH SYMBOLS LIBRARY

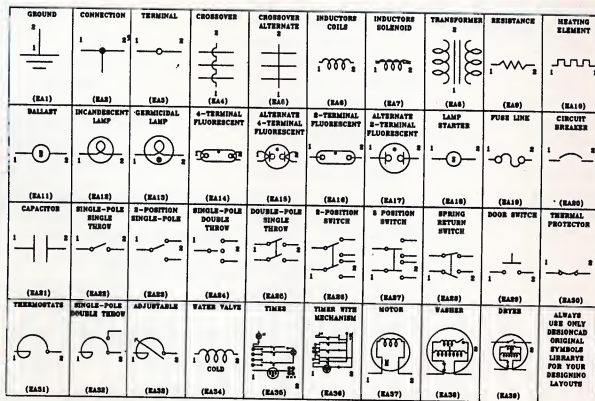
This library contains approximately 40 switch combinations. Meets NEMA SG-6 codes.

Price: \$14.95

ELECTRICAL APPLIANCE SYMBOLS LIBRARY

This library contains approximately 39 pre-drawn symbols. Examples include: transformer, incandescent lamp, germicidal lamp, washer, dryer. This library meets AHLMA standard wiring diagram codes.

Price: \$14.95

DesignCAD 2D/3D**TELEPHONY CIRCUIT SYMBOLS LIBRARY**

This library contains approximately 75 pre-drawn symbols. Examples include: switchboard, handset conductor, vibrator reed, various relays and resistors. Meets Department of the Army TM11-678 Codes.

Price: \$24.95

OFFICE DESIGN LIBRARY

This library contains approximately 90 pre-drawn symbols. Examples include: typical executive office complete with desks, chairs, plants, and conference chairs. Also included are panel dividers, conference tables with chairs, and filing cabinets. Highly recommended.

Price: \$39.95

NUTS, BOLTS, AND SCREWS LIBRARY

This library contains approximately 160 pre-drawn fastener symbols. Examples include: oval, fillister, pan, truss, binding, hex, torx, square, carriage, star, and Allen head bolts and screws. Various washers, hitch pins, studs, set screws, etc. are also included.

Price: \$29.95

ACCIDENT PREVENTION AND SIGNAGE LIBRARY

This library contains approximately 30 pre-drawn symbols. Examples include: Corps of Engineers "Castle" symbol, Radiation Hazard, Poison, Use No Hooks, Keep Out, etc.

Price: \$19.95

PRIMED WOOD CASEMENT WINDOW LIBRARY

This library contains approximately 250 pre-drawn Andersen brand casement window symbols. A very large variety of windows are included. Each window is marked with rough opening size.

Price: \$39.95

CLASSICAL ORDER ARCHITECTURE LIBRARY

This library contains approximately 90 pre-drawn symbols. Examples include: Corinthian Order Arch, several fluted columns with Tuscan, Doric, Ionic, Corinthian, and Composite Capitals and Bases, Cyma Recta with Acanthus Bridge, and a number of classical windows and doors. This library contains extremely detailed drawings and is highly recommended.

Price: \$39.95

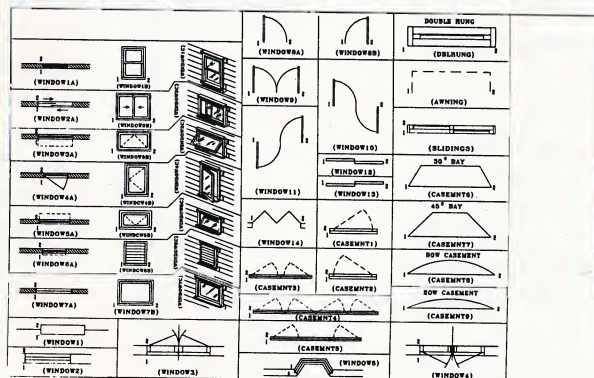
SPECIAL COMBINATION PRICE!!!

Buy all symbol libraries available for only \$149.95. This library will contain over 4000 professionally drawn symbols.

PICK 3 - Pick any three symbol libraries for only \$49.95!

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DesignCAD 2D/3D



The 2D tools & 3D tools listed to the right may be accessed from the Design Toolbox shown above.

DesignCAD's hierarchical styled toolbox allows a wide variety of tools within a small area, while offering fast, smooth access to the user.

List of 2D Geometric Tools

- 2D Hollow Square
- 2D Solid Square
- 2D Hollow Rectangle
- 2D Solid Rectangle
- 2D Hollow Circle
- 2D Solid Circle
- 2D Hollow Oval
- 2D Solid Oval
- 2D Closed Hollow Polygon
- 2D Closed Solid Polygon
- 2D Open Polygon
- 2D Hollow Multigon
- 2D Solid Multigon
- Local Line
- Global Line
- Horizontal Line
- Vertical Line
- 45 degree Line
- 2D Arc-360 degree
- 2D Arc-90 degree
- 2D Elliptical Arc-90 degree
- 2D Free Form Spline
- 2D Linking Spline
- 2D Poly Spline

List of 3D Geometric Tools

- 3D Solid Square
- 3D Hollow Square
- 3D Solid Rectangle
- 3D Hollow Rectangle
- 3D Solid Cylinder
- 3D Hollow Cylinder
- 3D Solid Oval
- 3D Hollow Oval
- 3D Solid Closed Polygon
- 3D Hollow Closed Polygon
- 3D Open Polygon
- 3D Solid Multigon
- 3D Hollow Multigon
- 3D Sphere
- 3D Ellipsoid
- 3D Arc-360 degree
- 3D Arc-90 degree
- 3D Elliptical Arc-90 degree
- 3D Sculptured Surface
- 3D Ruled Surface

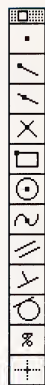
During the process of designing with any single geometric tool, editing tool, locator tool and dimensioning tool, you can combine these tools for added ease of use and flexibility within DesignCAD!

List of Editing Tools



- Relocate
- Resize
- Scale
- Tilt
- Rotate
- Radial Duplicate
- Skew
- Fillet
- Inverse Fillet
- Chamfer
- Extrude
- Revolve Positive
- Revolve Negative
- Spline Editor 1,2 & 3
- Trim
- Zoom
- Zoom Regional
- Text

List of Locator Tools



- Point Anywhere
- End Point
- Point On
- Intersection
- Vertex
- Object Center
- Spline Center
- Parallel Offset
- Perpendicular
- Tangent
- Percentage
- Global Origin

List of Dimensioning Tools

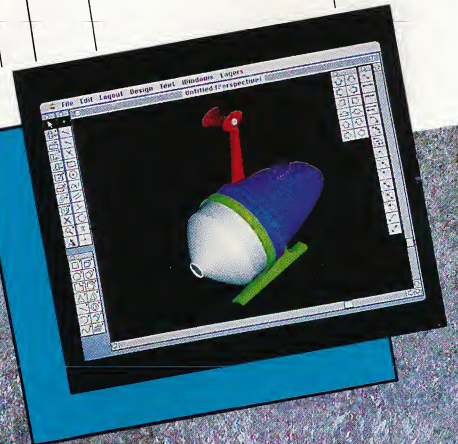
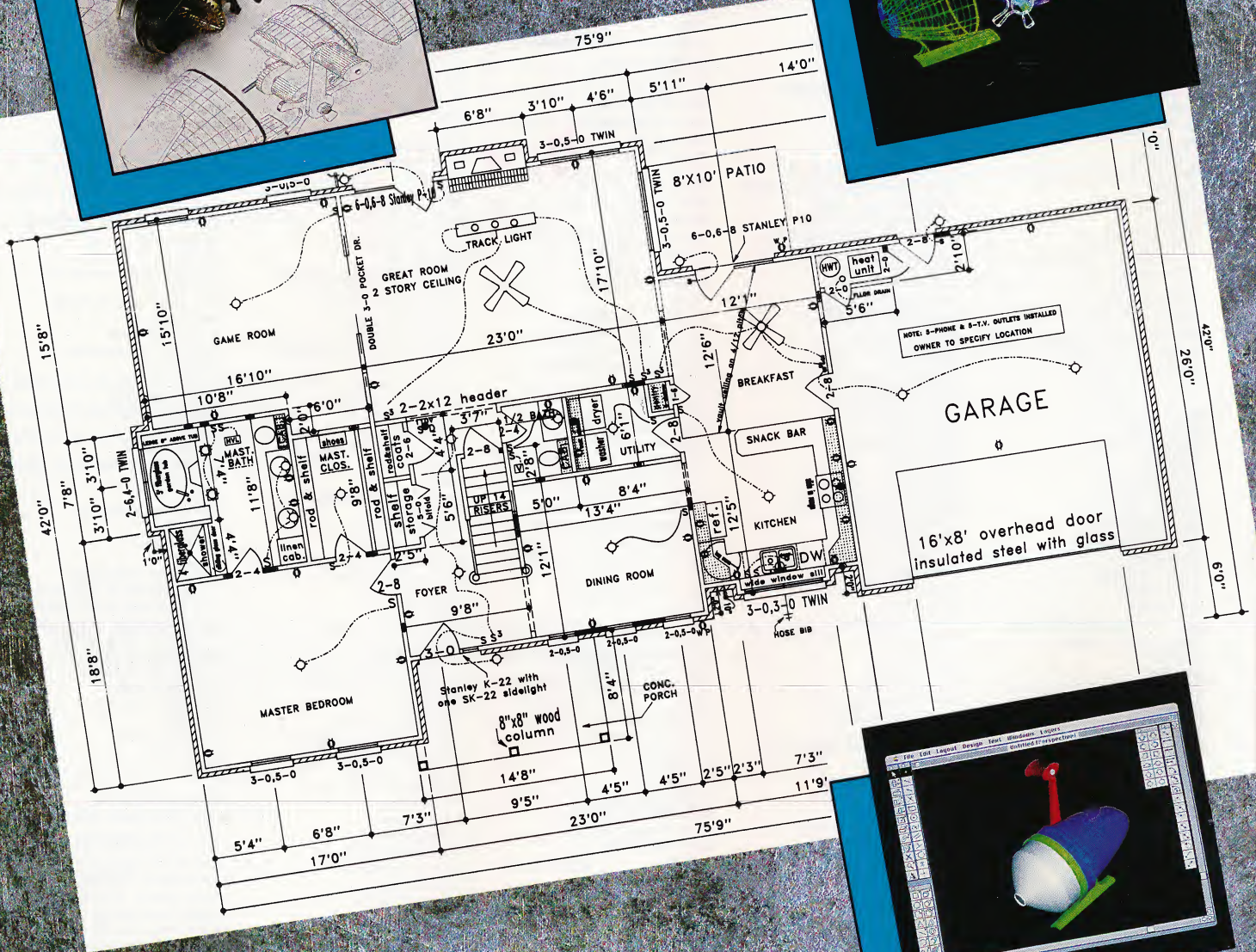
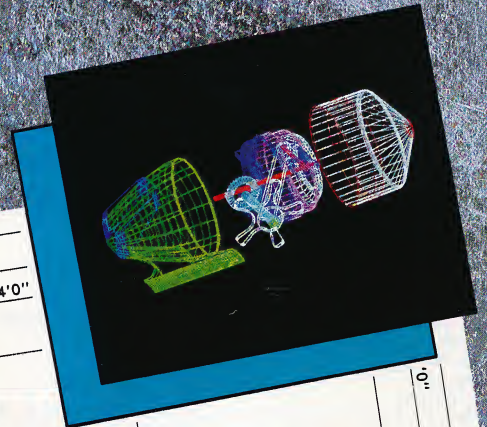


- Linear Parallel
- Linear Offset
- Linear Chained Offset
- Linear Baseline Offset
- Angular
- Chained Angular
- Baseline Angular
- Radial
- Radial Extension
- Radial Leader
- Diametral
- Diametral Extension
- Diametral Leader
- Leader Line
- Arrow Line

*The following is a list of companies currently using DesignCAD products.
May we add your company name?*

15

- | | | | | |
|-----------------------------------|------------------------------------|---|---------------------------------|------------------------------------|
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| A T & T | Carpillar Tractor | General Chemicals Canada Ltd. | McDonnell Douglas Corporation | Siemens Corporation |
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